

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042220\
 Data File : BF120152.D
 Acq On : 23 Apr 2020 4:45
 Operator : MA/SJ
 Sample : L2341-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH-2

Quant Time: Apr 23 05:17:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

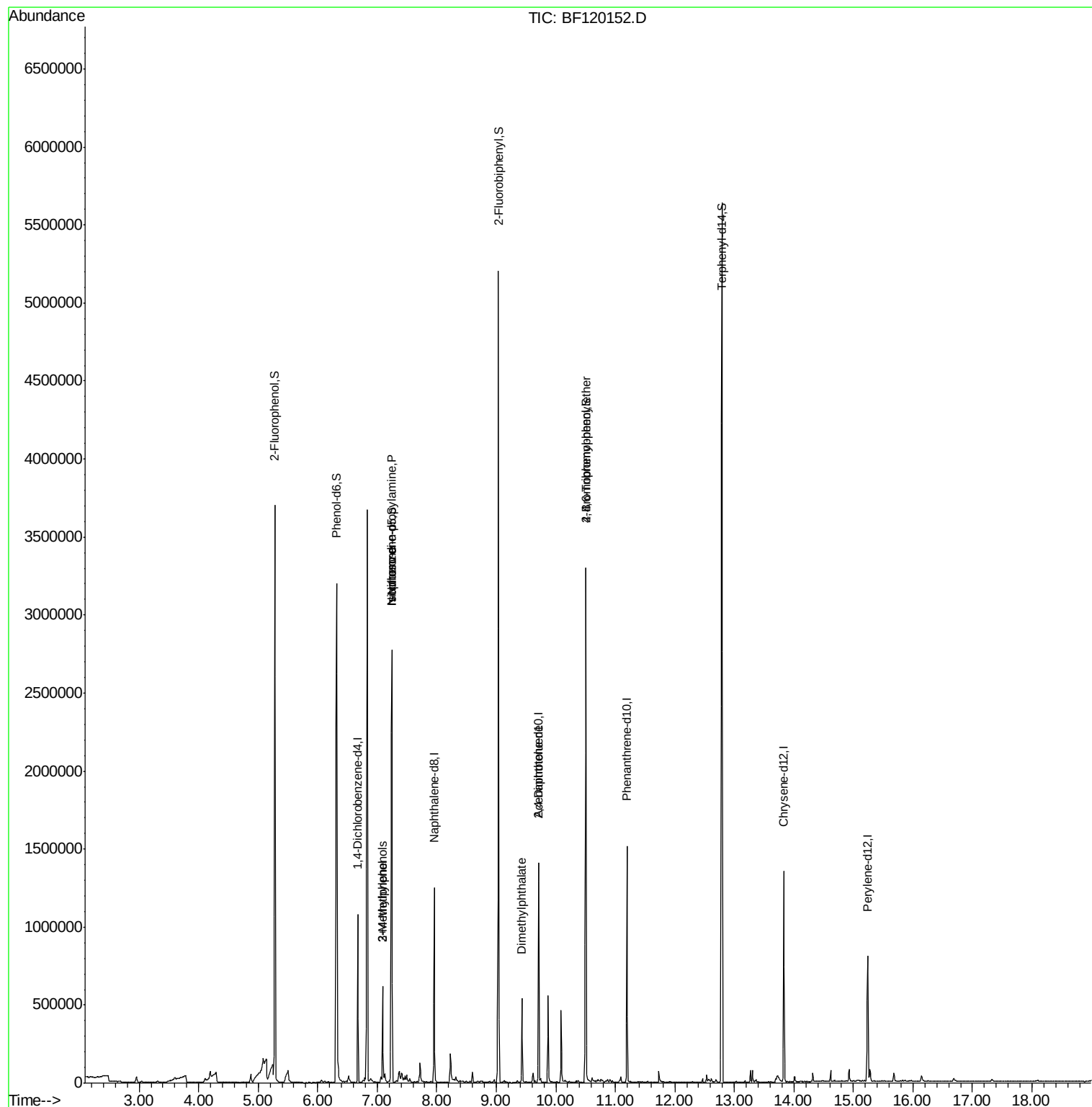
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	146743	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	555455	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	285861	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	537884	20.00	ng	0.00
76) Chrysene-d12	13.83	240	428506	20.00	ng	-0.02
87) Perylene-d12	15.24	264	347539	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1002480	118.06	ng	0.00
7) Phenol-d6	6.32	99	1218675	111.38	ng	-0.01
23) Nitrobenzene-d5	7.25	82	914928	85.21	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	400697	114.49	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1797798	89.29	ng	-0.01
79) Terphenyl-d14	12.79	244	2138937	83.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	388	Below Cal		86
17) 2-Methylphenol	7.09	107	155030	18.310 ng	#	67
19) n-Nitroso-di-n-propylamine	7.25	70	120236	17.089 ng	#	75
20) 3+4-Methylphenols	7.09	107	155030	14.971 ng	#	73
25) Isophorone	7.25	82	914911	44.204 ng	#	65
50) Dimethylphthalate	9.43	163	183249	8.288 ng		99
57) 2,4-Dinitrotoluene	9.71	165	36794	5.768 ng	#	21
67) 4-Bromophenyl-phenylether	10.50	248	24913	3.724 ng	#	1

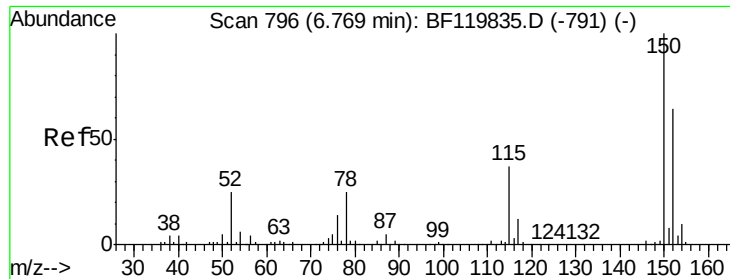
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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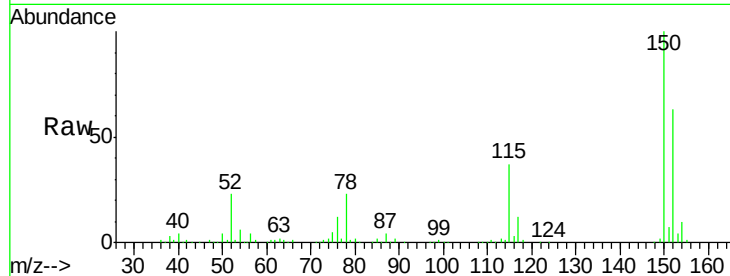


#1

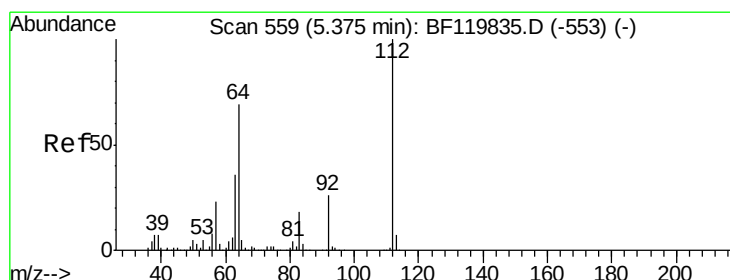
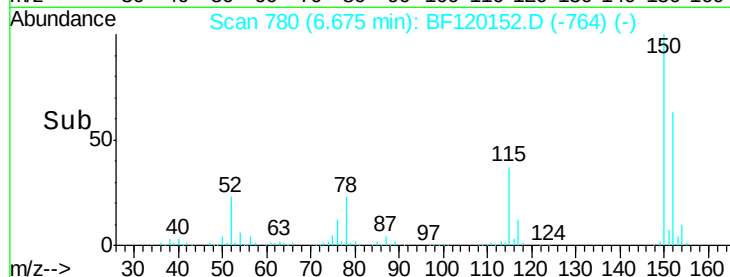
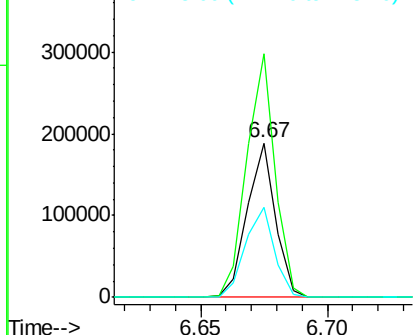
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-2

Tot Ion:152 Resp: 146743
Ion Ratio Lower Upper
152 100
150 157.5 124.5 186.7
115 58.0 49.6 74.4



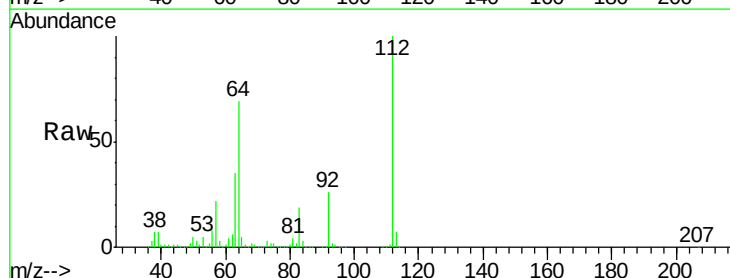
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



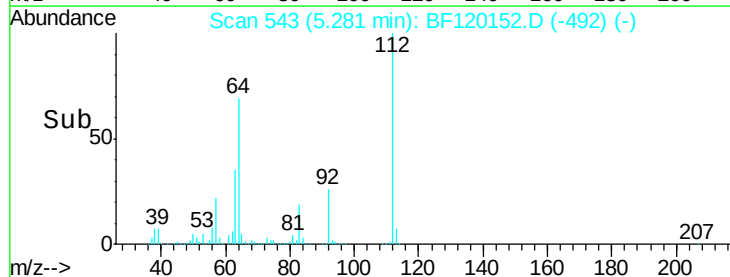
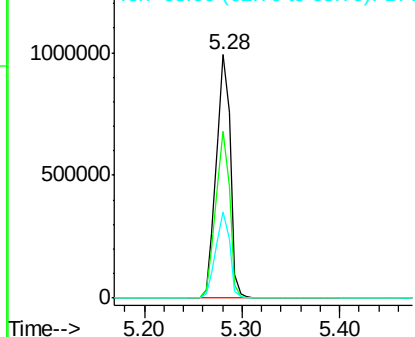
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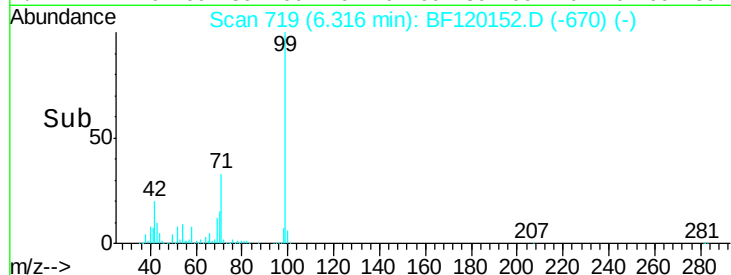
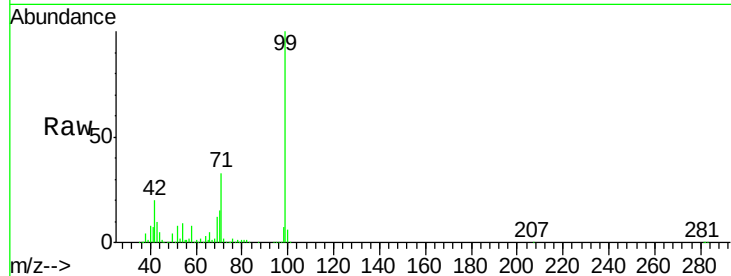
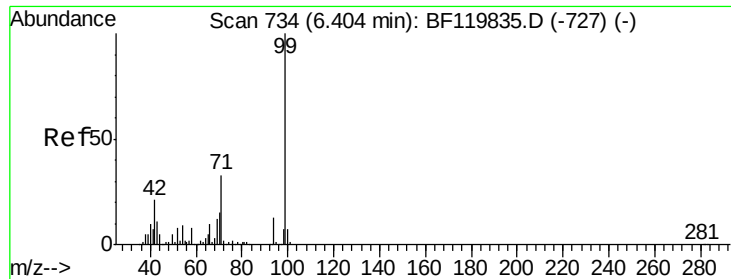
2-Fluorophenol
Concen: 118.061 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Tgt Ion:112 Resp: 1002480
Ion Ratio Lower Upper
112 100
64 68.5 56.7 85.1
63 35.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.383 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-2

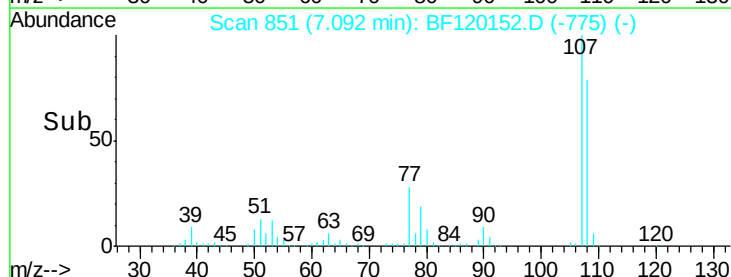
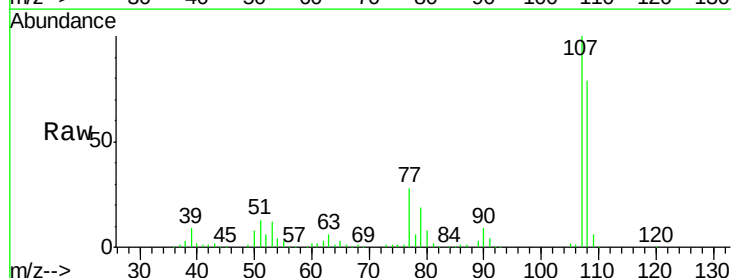
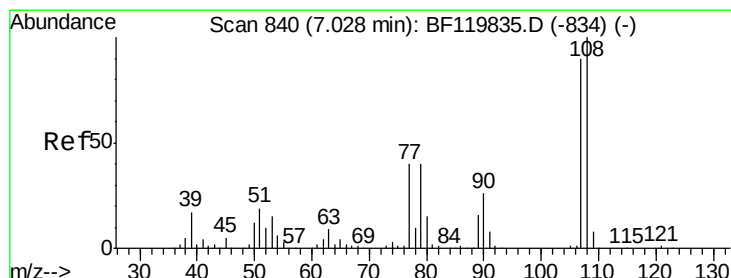
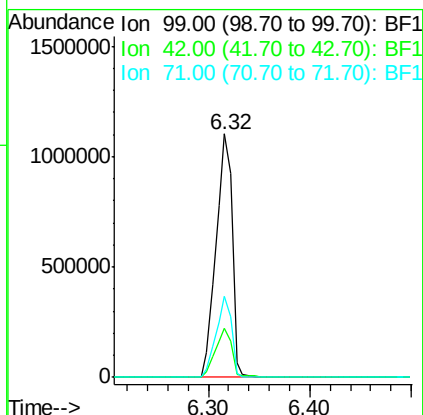
Tot Ion: 99 Resp: 1218675

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 33.0 26.4 39.6



#17

2-Methylphenol

Concen: 18.310 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.15 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

Tgt Ion: 107 Resp: 155030

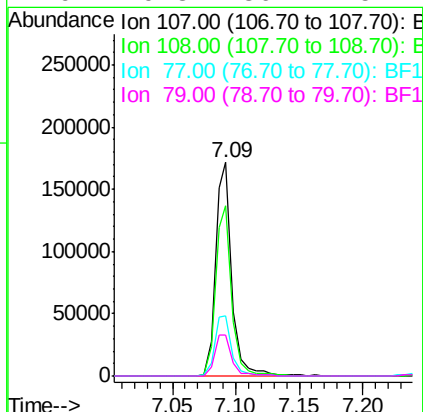
Ion Ratio Lower Upper

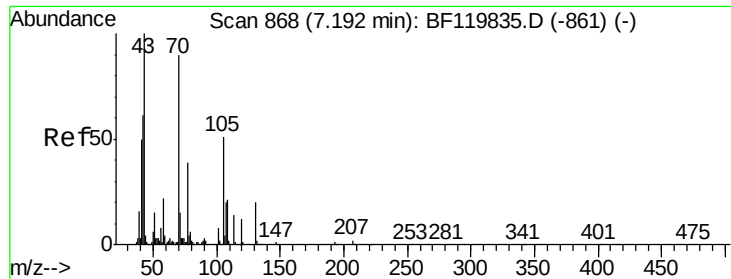
107 100

108 79.5 92.2 138.4#

77 28.3 36.6 54.8#

79 19.3 36.2 54.4#

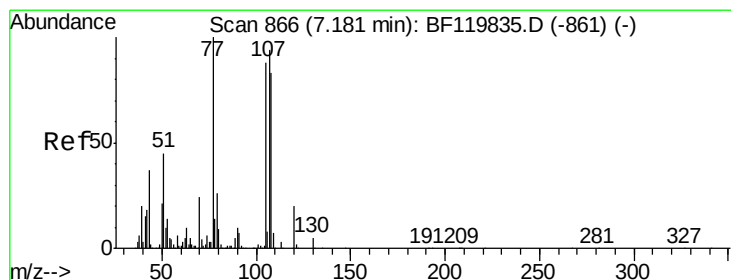
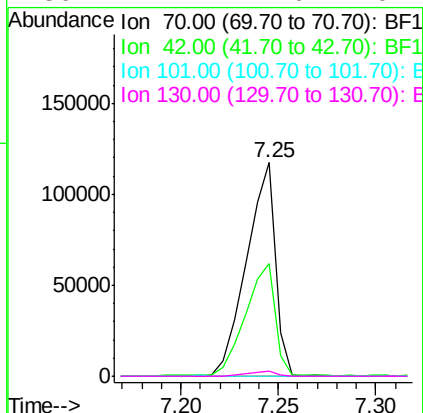
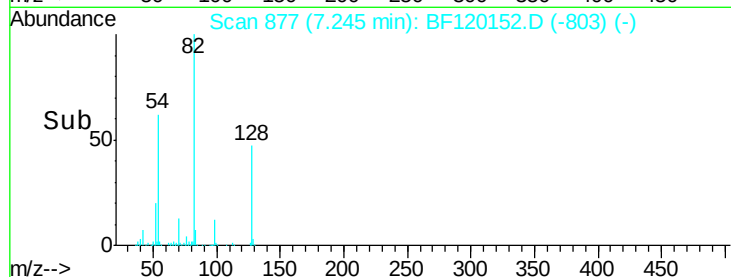
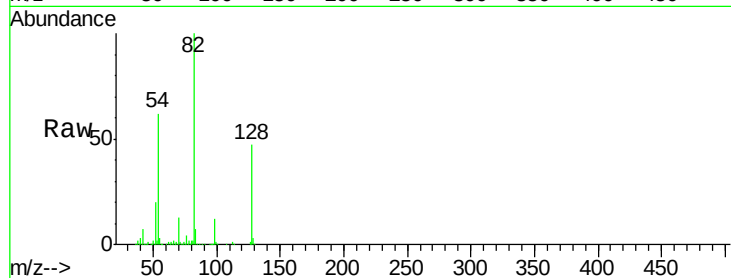




#19
n-Nitroso-di-n-propylamine
Concen: 17.089 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.14 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

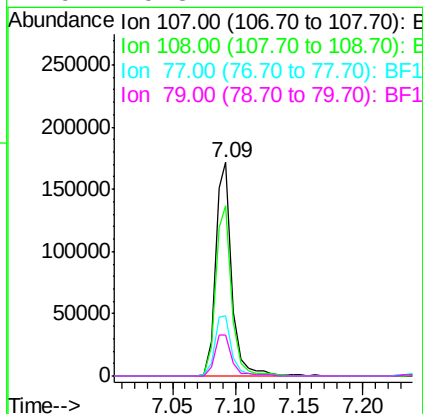
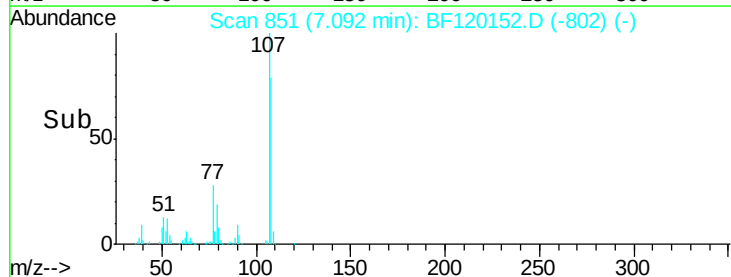
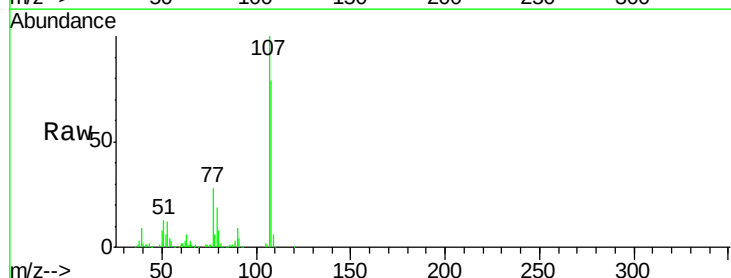
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-2

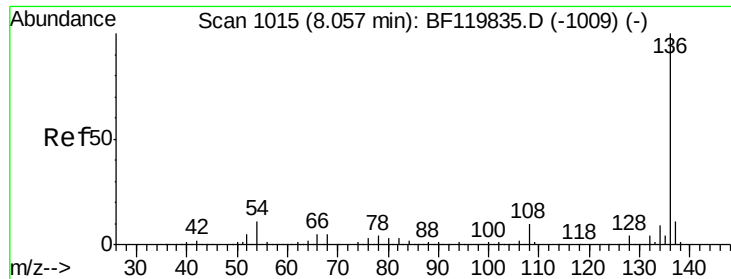
Tot Ion: 70 Resp: 120236
Ion Ratio Lower Upper
70 100
42 52.6 54.5 81.7#
101 0.0 7.6 11.4#
130 2.7 17.6 26.4#



#20
3+4-Methylphenols
Concen: 14.971 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Tgt Ion:107 Resp: 155030
Ion Ratio Lower Upper
107 100
108 79.5 67.9 107.9
77 28.3 52.9 92.9#
79 19.3 7.7 47.7

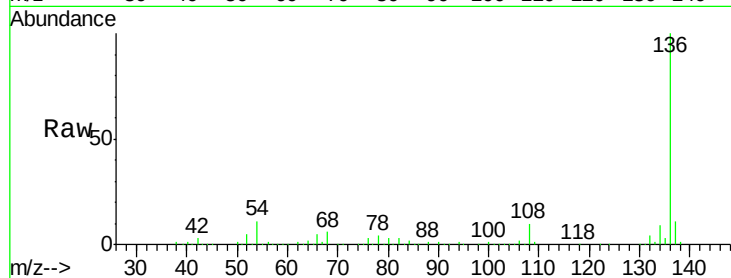




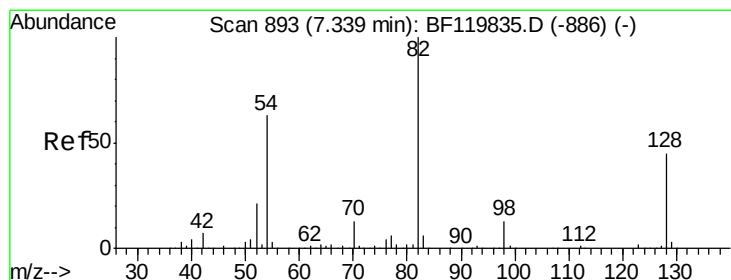
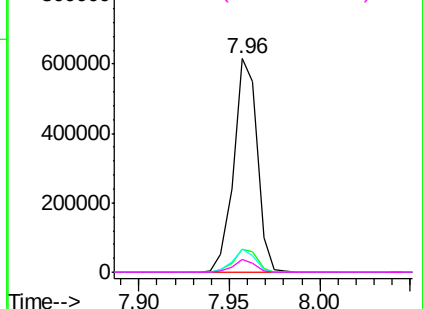
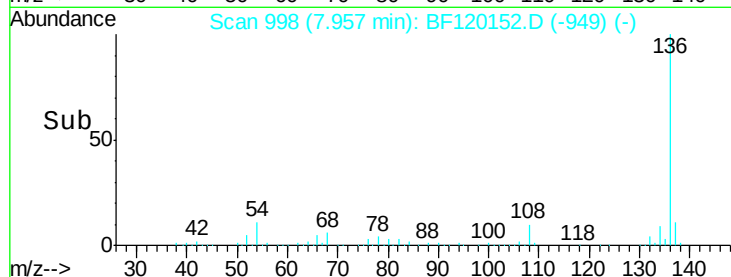
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-2

Tot Ion:136	Resp:	555455
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.5	9.1 13.7
68	5.8	4.6 6.8

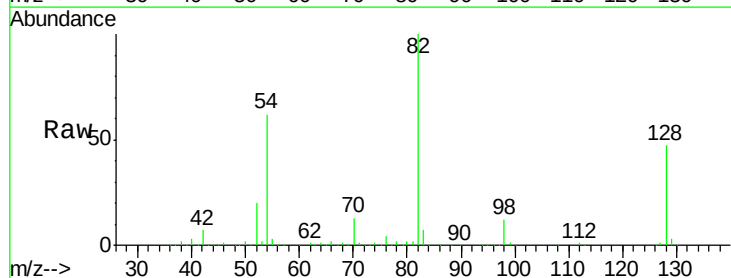


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

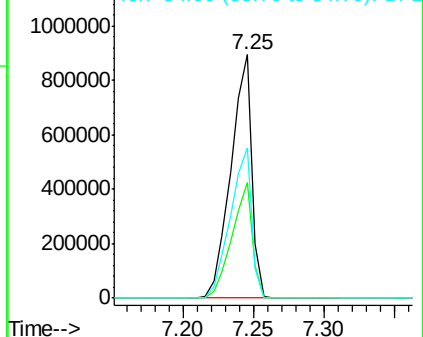
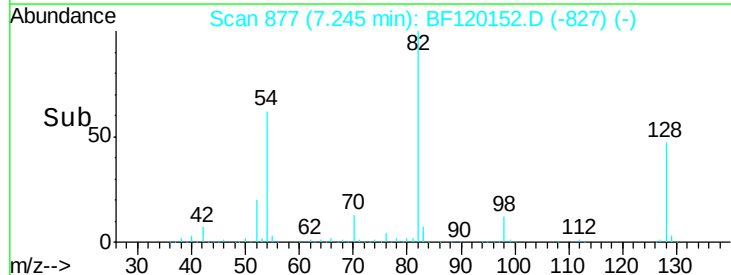


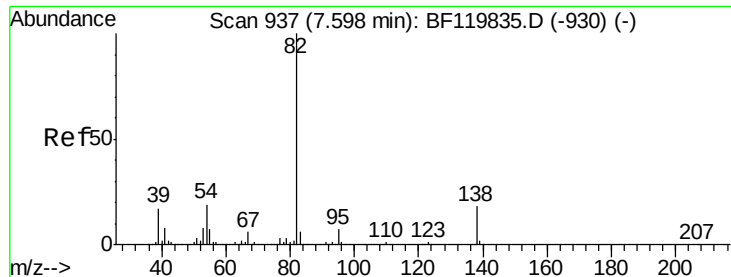
#23
Nitrobenzene-d5
Concen: 85.214 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Tgt Ion: 82	Resp:	914928
Ion Ratio	Lower	Upper
82	100	
128	47.4	36.3 54.5
54	61.6	50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.204 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-2

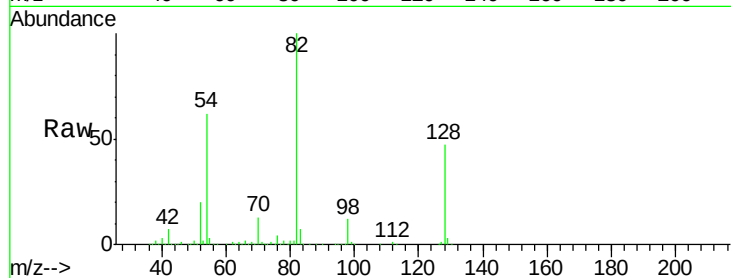
Tot Ion: 82 Resp: 914911

Ion Ratio Lower Upper

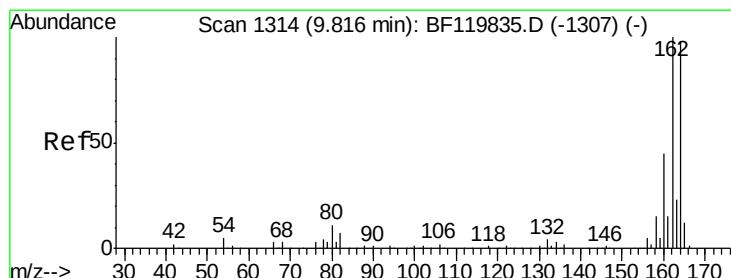
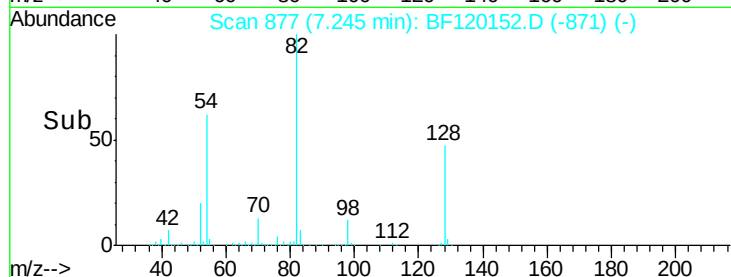
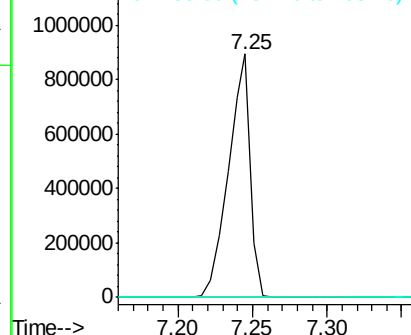
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

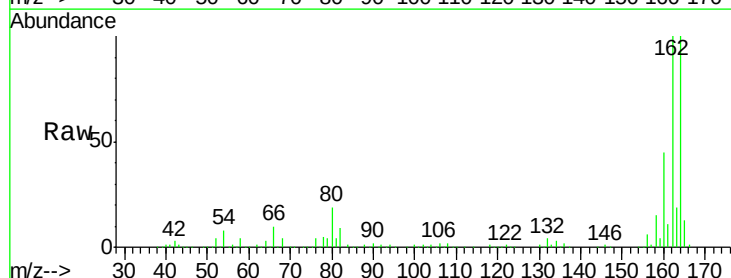
Tgt Ion:164 Resp: 285861

Ion Ratio Lower Upper

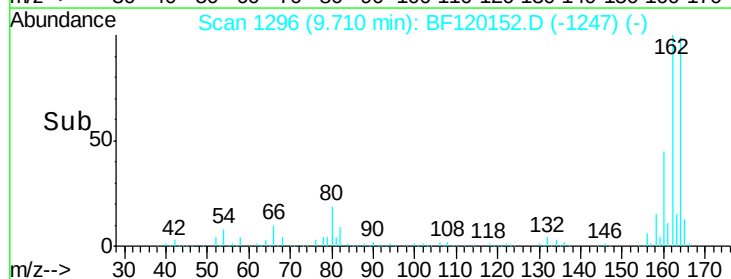
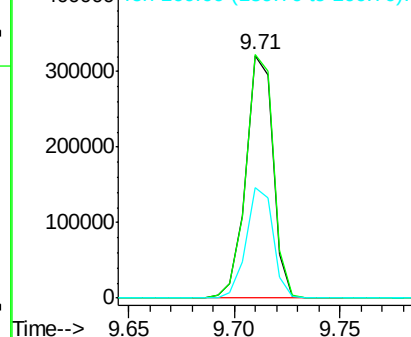
164 100

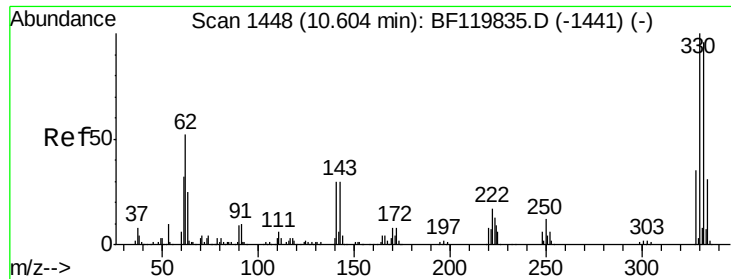
162 100.5 80.6 121.0

160 45.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

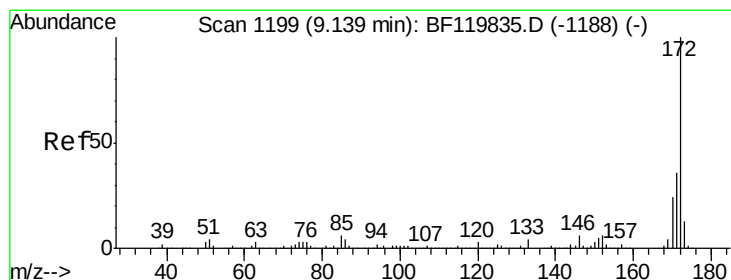
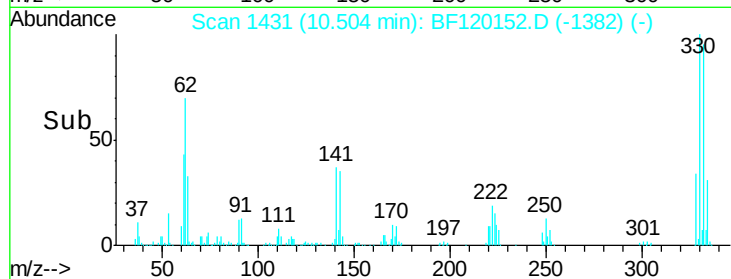
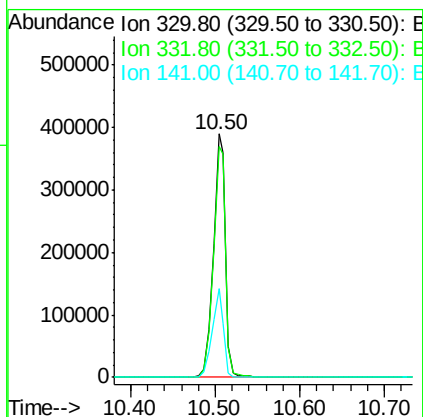
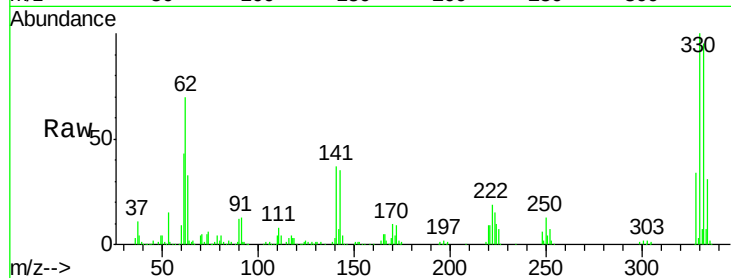




#42
 2,4,6-Tribromophenol
 Concen: 114.488 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF120152.D
 Acq: 23 Apr 2020 4:45

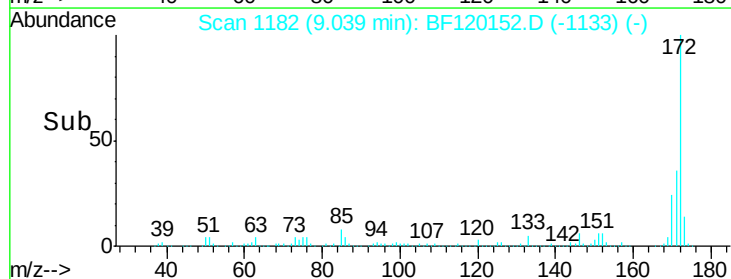
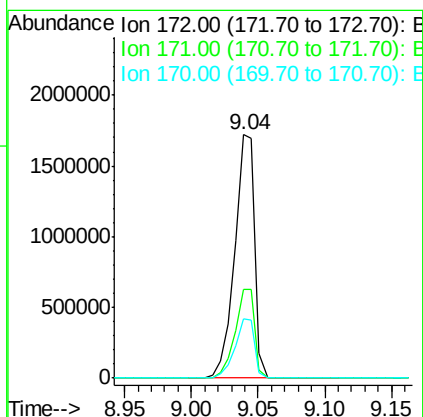
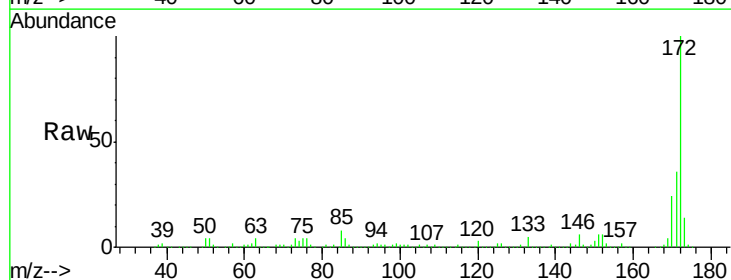
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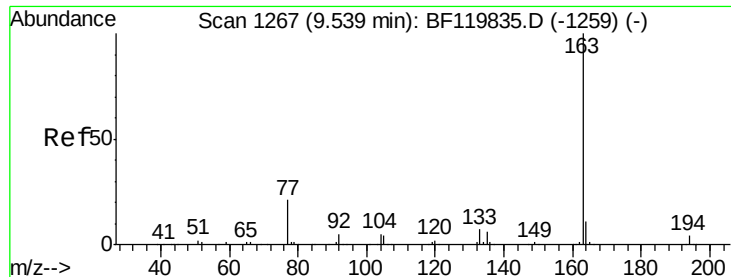
Tot Ion:330 Resp: 400697
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 34.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 89.291 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF120152.D
 Acq: 23 Apr 2020 4:45

Tgt Ion:172 Resp: 1797798
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.2 20.2 30.2

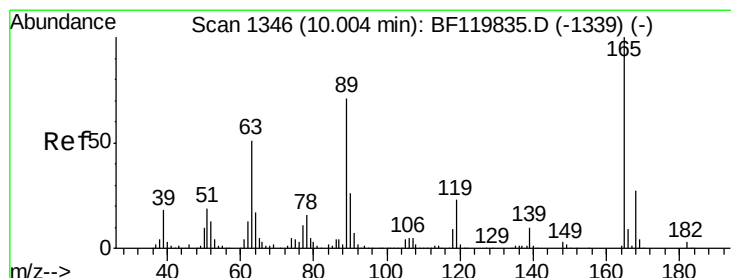
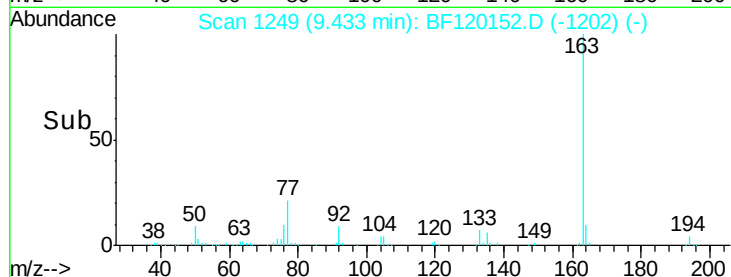
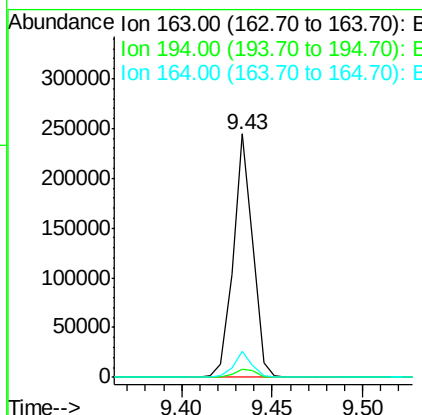
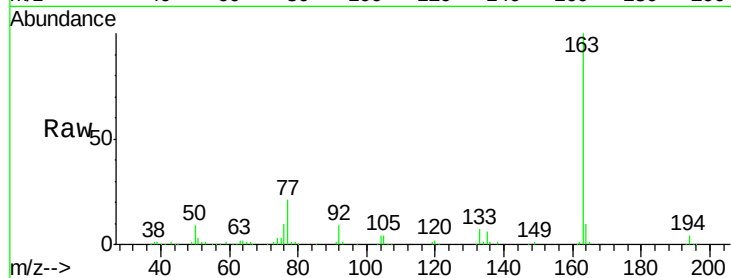




#50
Dimethylphthalate
Concen: 8.288 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

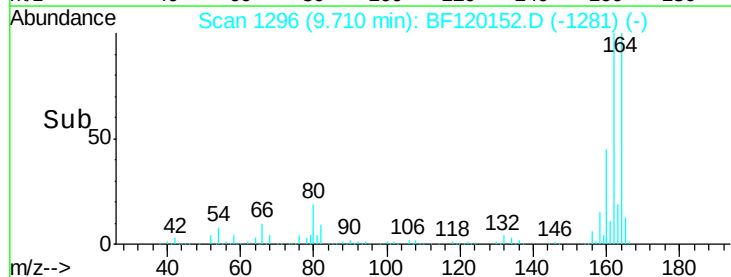
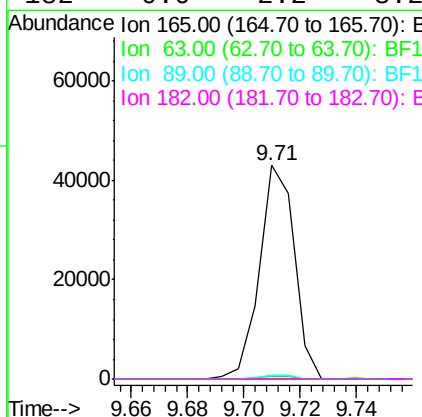
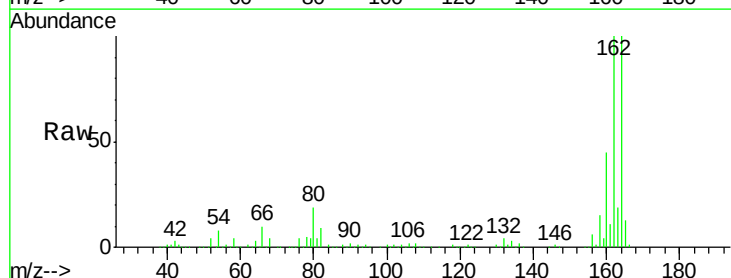
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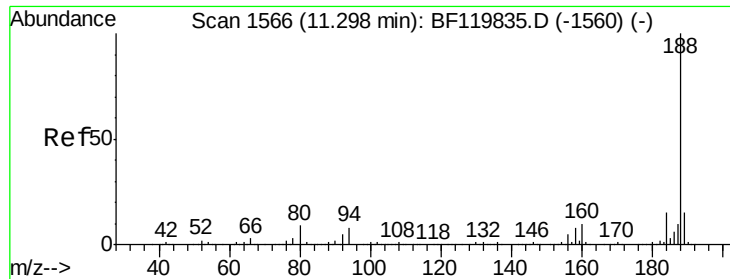
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.5	8.2	12.2



#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.21 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.9	61.0	91.4#
182	0.0	2.2	3.2#

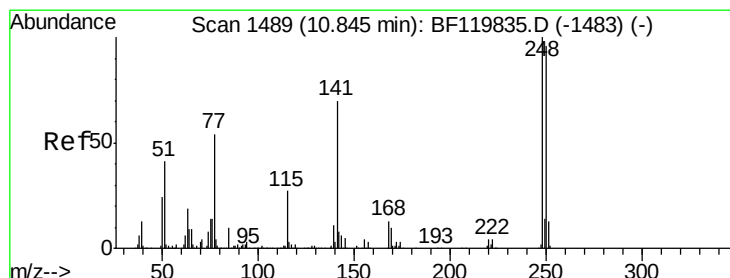
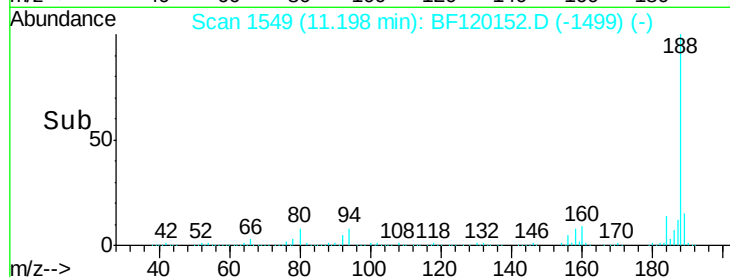
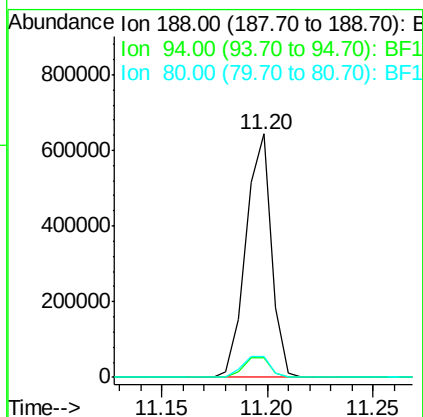
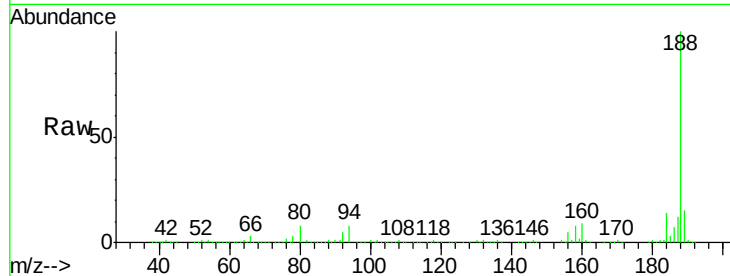




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

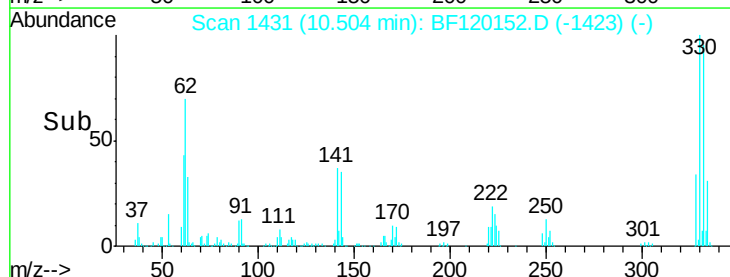
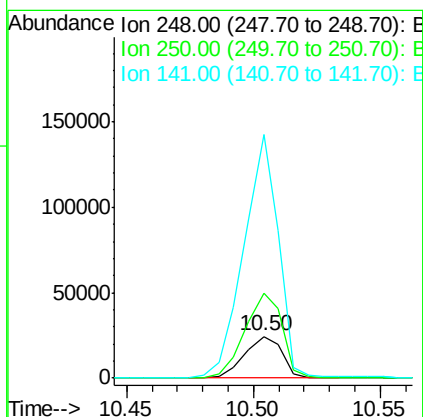
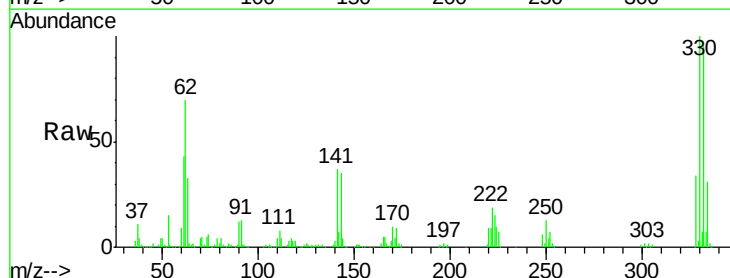
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-2

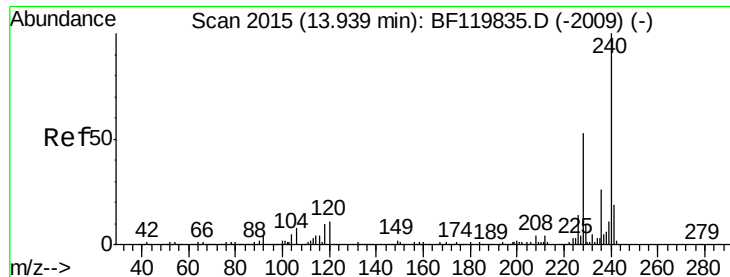
Tot Ion:188 Resp: 537884
Ion Ratio Lower Upper
188 100
94 8.3 7.5 11.3
80 8.4 9.0 13.4#



#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Tgt Ion:248 Resp: 24913
Ion Ratio Lower Upper
248 100
250 204.1 77.3 115.9#
141 581.0 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-2

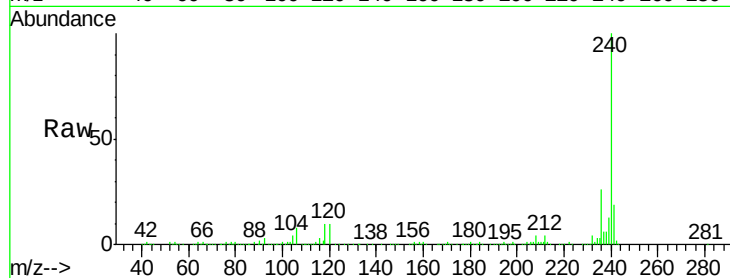
Tot Ion:240 Resp: 428506

Ion Ratio Lower Upper

240 100

120 10.5 10.6 15.8#

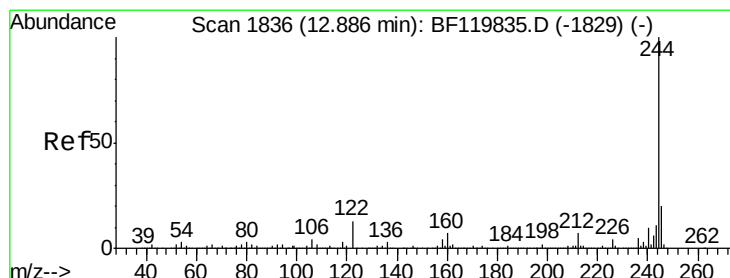
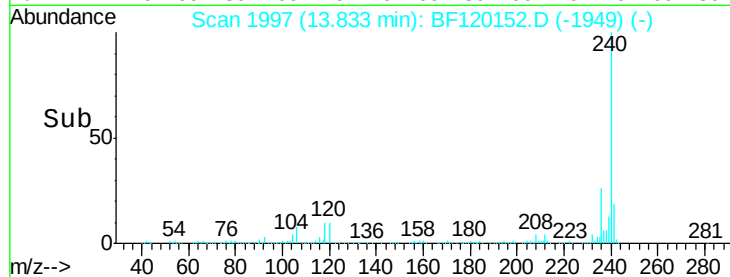
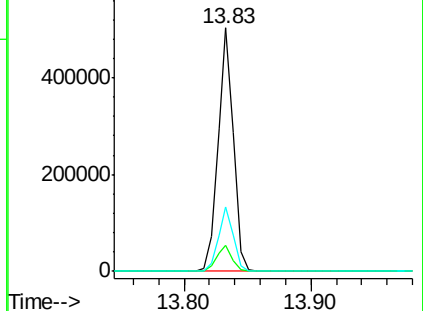
236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 83.992 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF120152.D

Acq: 23 Apr 2020 4:45

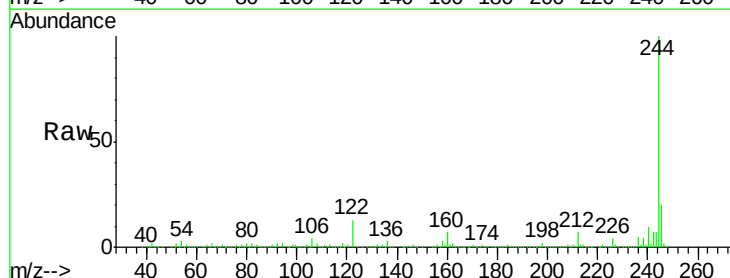
Tgt Ion:244 Resp: 2138937

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

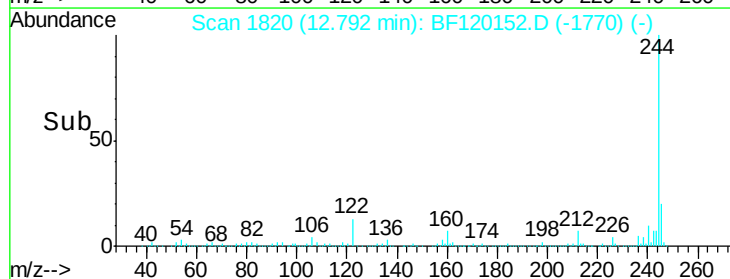
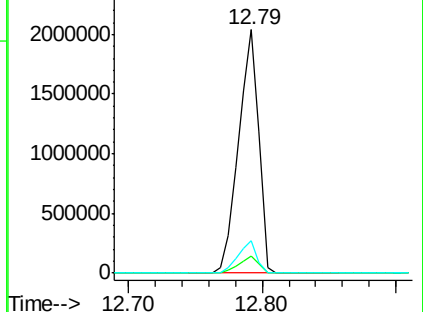
122 13.3 10.3 15.5

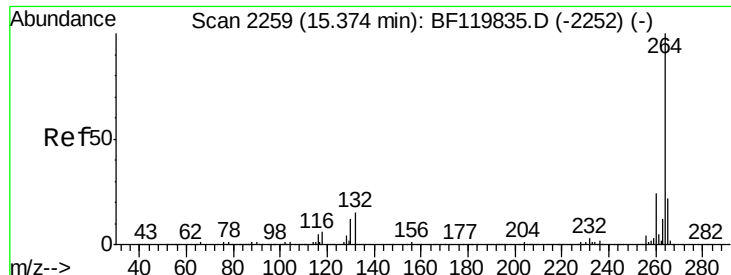


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

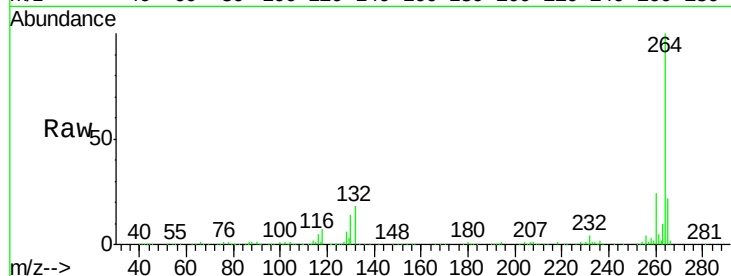




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF120152.D
Acq: 23 Apr 2020 4:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.4	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

